

## My Project

Generated by Doxygen 1.8.13



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# Chapter 1

## Hierarchical Index

### 1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

QWidget	
IntroWidget	<a href="#">7</a>
SettingsWidget	<a href="#">7</a>



## Chapter 2

# Class Index

### 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">IntroWidget</a>	.....	<a href="#">7</a>
<a href="#">SettingsWidget</a>	.....	<a href="#">7</a>





## Chapter 3

# File Index

### 3.1 File List

Here is a list of all documented files with brief descriptions:

<a href="#">introwidget.h</a>	IntroWidget::IntroWidget . . . . .	9
<a href="#">settingswidget.h</a>	SettingsWidget::SettingsWidget, constructor . . . . .	9



## Chapter 4

# Class Documentation

### 4.1 IntroWidget Class Reference

Inheritance diagram for IntroWidget:

Collaboration diagram for IntroWidget:

#### Public Slots

- void **clickPlay** ()

#### Public Member Functions

- **IntroWidget** (QWidget \*parent=nullptr)

#### Public Attributes

- QLabel \* **titleLabel**
- QPushButton \* **playButton**
- QMediaPlayer \* **musicPlayer**

The documentation for this class was generated from the following files:

- [introwidget.h](#)
- introwidget.cpp

### 4.2 SettingsWidget Class Reference

Inheritance diagram for SettingsWidget:

Collaboration diagram for SettingsWidget:

## Public Member Functions

- **SettingsWidget** (QWidget \*parent=nullptr)

## Public Attributes

- bool **readyButtonAvailable**
- QLabel \* **titleLabel**
- QPushButton \* **easyButton**
- QPushButton \* **mediumButton**
- QPushButton \* **hardButton**
- QPushButton \* **readyButton**
- QLabel \* **explainDiffLabel**
- QString **difficultyChosen**
- QVBoxLayout \* **vbox**

The documentation for this class was generated from the following files:

- [settingswidget.h](#)
- settingswidget.cpp

## Chapter 5

# File Documentation

### 5.1 introwidget.h File Reference

IntroWidget::IntroWidget.

```
#include <QWidget>
#include <QtWidgets>
#include <QMediaPlayer>
Include dependency graph for introwidget.h:
```

### 5.2 settingswidget.h File Reference

SettingsWidget::SettingsWidget, constructor.

```
#include <QWidget>
#include <QtWidgets>
Include dependency graph for settingswidget.h:
```

#### Classes

- class [SettingsWidget](#)

#### 5.2.1 Detailed Description

SettingsWidget::SettingsWidget, constructor.

SettingsWidget::showReadyButton

If the ready button isn't shown yet, it adds it to the window.

SettingsWidget::clickReady.

SettingsWidget::clickHard

When the hard button is clicked, it shows the difficulty description, sets the difficulty to hard and shows the ready button.

`SettingsWidget::clickMedium`

When the medium button is clicked, it shows the difficulty description, sets the difficulty to medium and shows the ready button.

`SettingsWidget::clickEasy`

When the easy button is clicked, it shows the difficulty description, sets the difficulty to easy and shows the ready button.

`SettingsWidget::centerWindow`

Centering the window.

`SettingsWidget::setupConnections`

Connecting easy button to its slot `clickEasy()` Connecting medium button to its slot `clickMedium()` Connecting hard button to its slot `clickHard()` Connecting the ready button to the `clickReady()` slot.

`SettingsWidget::setLayout`

Setting the layout.

`SettingsWidget::setupStylesheet`

Styling the push buttons.

`SettingsWidget::setupWidgets`, sets up widgets

Sets the labels and push buttons.

`SettingsWidget::setupBackground`, sets up background

sets the background picture.

#### Parameters

<i>parent</i>	constructor that sets the: background, widgets, style, layout and connections
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